

WORK ORDER 2011-42

Date opened: 17 October 2011

Project: Quick Release XL Cargo Basket Assembly (Stainless Proto.)
Type: Eurocopter AS350/355 Series

Batch Quantity: 1 Complete Basket Assembly (94010-01)
1 with Lid Step (70405)

Approval: SH08-18
Drawing List: DCL784-3

Fabrication and Assembly Drawing(s)	Description
94010, Rev. 0	Basket Ass'y
94011, Rev. 0	Basket Body Ass'y
94012, Rev. 0	Basket Lid Ass'y
84255, Rev. 1	Handle Installation
84261, Rev. 1	Handle Bar Ass'y
84262, Rev. 1	Handle Bracket Ass'y
70405, Rev. 1	Lid Step Modification
70403, Rev. 4	Auxiliary Latch Modification

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____

Welder Signature: _____

Date: _____

Inspector Signature: _____

Date: _____

Drawing: **94010** **Revision 0**
 Assembly: **94010-01** **Cargo Basket Ass'y (Quick-Release)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	94010-01	Cargo Basket Assembly			
. 1	94011-01	Basket Body Assembly	Below		
. 1	94012-01	Basket Lid Assembly	Below		
. 1	84255-01	Handle Bar Installation	Below		
. 1	36280-01	Brace Assembly	9-2081 Brace	11078	
. 1	MS20001P4	Piano Hinge		11014	
. 1	94027-01	Placard	0.063 Sheet, 6061-T6 Aluminum	11102	
. 4	49205-14	Bumper	Argus Industries Bumper	11010	
. A/R	CR3213-5-02	Cherry Rivet		10089	
. 8	CR3523-5-02	Cherry Rivet		11061	
. 4	CR3213-4-02	Cherry Rivet		10089	
. 4	40088-14	Fitting	Ancra	11012	
. 8	AN960-616	Washer		11077	
. 1	AN3-15A	Bolt		11077	
. 1	AN3-17A	Bolt		11077	
. 4	AN960-10	Washer		11088	
. 2	AN970-3	Washer		11052	
. 2	MS21044N3	Nut		11088	

Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	CR Rivets		
Final Inspection	Drawing 94010			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **94011** **Revision 2**
 Assembly: **94011-01** **Basket Body Ass'y (Quick-Release)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	94001-01	Basket Body Assembly			
. A/R	--	Tube	304 Stainless, 3/4" x 0.049 Sqr. Tube	10128	
. A/R	--	Tube	304 Stainless, 1/2" x 0.049 Sqr. Tube	10128	
. 4	94030-01	Hoop	304 Stainless, 1/2" x 0.049 Sqr. Tube	10128	
. 2	94023-01	Attachment Hoop			
. . 1	--	Tube	304 Stainless, 1/2" x 0.049 Sqr. Tube	10128	
. . 1	--	Tube	304 Stainless, 1.0" x 0.065 Sqr. Tube	10096	
. . 1	94023-05	Stud	304 Stainless, 5/8" Dia.	9501112	
. . 1	94023-07	Stud	304 Stainless, 5/8" Dia.	9501112	
. . 1	76423-04	Cap	304 Stainless, 0.050" Sheet	10037	
. 1	84262-01	Handle Bracket Assembly	Below		
. 1	49215-01	Spacer	304 Stainless, 1/2" Rod	8096	
. A/R	3/4-16F	Mesh	Expanded stainless steel	11032	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Powder Coat	Drawing 94011			
Final Inspection	Drawing 94011			

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Drawing: 94012 Revision 0
Assembly: 94012-01 Basket Lid Ass'y (Quick-Release)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	94012-01	Basket Lid Assembly			
. A/R		Tube	304 Stainless, 3/4" x 0.049 Sqr. Tube	10128	
. 1	49216-01	Spacer	304 Stainless, 1/2" Rod	8096	
. 1	84262-01	Upper Handle Bracket Assembly	Below		
. 1	36204-10	Placard Bracket	304 Stainless, 0.035" Sheet	3021	
. A/R	3/4-16F	Mesh	Expanded stainless steel	11032	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Powder Coat	Drawing 94012			
Final Inspection	Drawing 94012			

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Drawing: **84255** **Revision 1**
Assembly: **84255-01** **Handle Installation**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	84255-01	Handle Installation			
. 1	84261-01	Handle Bar Assembly	Below		
. 2	84267-01	Bracket	Delrin, 3/4" Sheet	WO2011-20	
. 2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	11041	
. 2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	11030	
. 2	AN3-12A	Bolt		11077	
. 4	AN3-11A	Bolt		11052	
. 12	AN960-10	Washer		11088	
. 6	MS21044N3	Nut		11088	


Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 84255			

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Drawing: 84261 Revision 1
Assembly: 84261-01 Handle Bar Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	84261-01	Handle Bar Assembly			
. 1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.065 Rnd. Tube	11057	
. 2	84265-01	Lever	304 Stainless, 0.105 Sheet	10036	
. 2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	11057	
. 2	MS20615-4M3	Rivet		7039	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 84261			

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Drawing: **84262** **Revision 1**
Assembly: **84262-01** **Handle Bracket Assembly**

Qty Per	Part #	Description	Material	P.O.W.O.	Checked
1 Total	84261-01	Handle Bracket Assembly			
. 4	84272-01	Bushing	4130 Steel, 5/16" x 0.058 Sqr. tube	11049	
. 4	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	10037	
. 2	36275-02	Support	304 Stainless, 5/16" Rod	11093	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 84262			

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Drawing: **70405** **Revision 1**
Assembly: **70405-01** **Lid Step Modification**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
10 Total	70405-01	Lid Step Modification			
. 10	70405-03	Tube	304 Stainless, 1/2" x 0.049 Sqr. Tube	10128	
. 1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	11055	
. A/R	CR3213-4-2	Cherry Rivet			

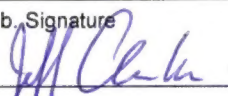
Note: Step is installed on all bays of lid.

Note: Remainder of assembly listed on drawing 94012

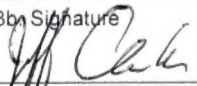
Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L ER70S-2		
Final Inspection	Drawing 70405			

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1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice 2011-42	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Cargo Basket	94010-01	1	94001-02	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 30 Nov 2011		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

AFRICAN CONSULTING SURVEYORS

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4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2011-42		
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work		
	Cargo Basket	94010-01	1	94001-02	New		
12. Remarks Stainless Steel Construction, Modified with walkway on lid IAW DCL704							
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12				
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.				
<input type="checkbox"/> Non approved design data specified in block 12.							
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 07 Aug 2012		14d. Name		14e. Date (dd/mmm/yyyy)	
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